

IN THE CLAIMS

(Version with Markings to show changes made.)

Please amend claims 7,8 and 18 by rewriting as follows:

B1
7. (Twice amended) A system for lifting and leveling a slab defining at least one drilled hole said system comprising:
a sand storage tank having a sand outlet;
a supply of well dried mason's sand within said sand storage tank;
a compressed air source in fluid tight connection with said sand outlet;
a mixing chamber connected to said sand outlet and said compressed air source;
an elongate air and sand delivery line connected to said mixing chamber; and
an injector gun having a gun bleed off valve for releasing excess pressure and a gun nozzle for the delivery of a sand air mixture said gun nozzle having a threaded end that may be pounded into [for connection with] said drilled hole so as to create a substantially fluid tight connection with said drilled hole.

D2
8. (Once Amended) A system for lifting and leveling a slab as in claim 7 wherein said mixing chamber is a smaller air source hose fitted inside of a larger diameter sand outlet such that said smaller air source extends into the center section of said larger diameter sand outlet so as to create a venturi effect.

B3
18. (Once Amended) A method of lifting and leveling a slab as in claim 17 further comprising the step of supplying a [adjusting

P3 said] sand shutoff valve that may be adjusted so as to control the flow of sand to said mixing chamber.

CLEAN VERSION OF AMENDED CLAIMS AND REPLACEMENT PARAGRAPHS FOR
THE SPECIFICATIONS UNDER (37 CFR 1.12(c)(1)(i))
CLEAN COPY ALL REMAINING CLAIMS CURRENTLY PENDING

7. A system for lifting and leveling a slab defining at least one drilled hole said system comprising:

a sand storage tank having a sand outlet;
a supply of well dried mason's sand within said sand storage tank;

a compressed air source in fluid tight connection with said sand outlet;

a mixing chamber connected to said sand outlet and said compressed air source;

an elongate air and sand delivery line connected to said mixing chamber; and

an injector gun having a gun bleed off valve for releasing excess pressure and a gun nozzle for the delivery of a sand air mixture said gun nozzle having a threaded end that may be pounded into said drilled hole so as to create a substantially fluid tight connection with said drilled hole.

8. A system for lifting and leveling a slab as in claim 7 wherein said mixing chamber is a smaller air source hose fitted inside of a larger diameter sand outlet such that said smaller air source extends into the center section of said larger diameter sand outlet so as to create a venturi effect.

9. A system for lifting and leveling a slab as in claim 8 further comprising a compressed air bleed valve between said compressed air source and sand outlet.

10. A system for lifting and leveling a slab as in claim 9 further comprising a sand shutoff valve between said sand storage tank and said mixing chamber.

11. A system for lifting and leveling a slab as in claim 10

wherein said compressed air source is a high volume air compressor.

12. A method of lifting and leveling a slab said method comprising the steps of:

suppling a sand storage tank filled with a well dried mason's sand said storage tank having a sand outlet;

suppling a compressed air source in fluid tight connection with said sand outlet;

mixing said sand and said compressed air in a mixing chamber;

delivering said sand and air mixture to an injector gun via an elongate fluid tight hose said gun further having a gun nozzle;

drilling a hole and said slab to be leveled;

attaching said gun nozzle to said drilled hole;

operating said injector gun in bursts so as to provide compressed air sufficient to temporarily lift said slab said burst also providing sand that permanently fills under said slab when lifted and raises said slab to a new level.

13. A method of lifting and leveling a slab as in claim 12 further comprising the step of suppling a compressed air bleed valve between said compressed air source and sand outlet.

14. A method of lifting and leveling a slab as in claim 13 further comprising the step of operating said compressed air bleed valve to release excess pressure.

15. A method of lifting and leveling a slab as in claim 14 further comprising the step of suppling a sand shutoff valve between said sand storage tank and said mixing chamber.

16. A method of lifting and leveling a slab as in claim 15 further comprising the step of adjusting said sand shutoff valve so as to control the flow of sand to said mixing chamber.

17. A method of lifting and leveling a slab said method

comprising the steps of:

- drilling a strategically placed hole in said slab;
- supplying a sand storage tank filled with sand said storage tank having a sand outlet;
- supplying a compressed air source in fluid tight connection with said sand outlet;
- mixing said sand and said compressed air in a mixing chamber;
- delivering said sand and air mixture to an injector gun via an elongate fluid tight hose said injector gun further having a gun nozzle for connection with said hole;
- attaching said gun nozzle to said drilled hole; and
- operating said injector gun in short successive bursts so as to provide compressed air sufficient to temporarily lift said slab in short successive bursts said bursts also providing sand that permanently fills under said slab when lifted and raises said slab to a new permanent level.

18. A method of lifting and leveling a slab as in claim 17 further comprising the step of supplying a sand shutoff valve that may be adjusted so as to control the flow of sand to said mixing chamber.

19. A method of lifting and leveling a slab as in claim 18 further comprising the step of drilling a second strategically placed hole in said slab; moving said gun nozzle to said second hole and repeating said operating step.

20. A method of lifting and leveling a slab as in claim 19 further comprising the step of patching said holes to match said slab.

21. A method of lifting and leveling a slab as in claim 20 further comprising the step of supplying a compressed air bleed valve between said compressed air source and sand outlet so as to bleed off excess air.